



Sadie Cove, KB-07 as viewed from the West.

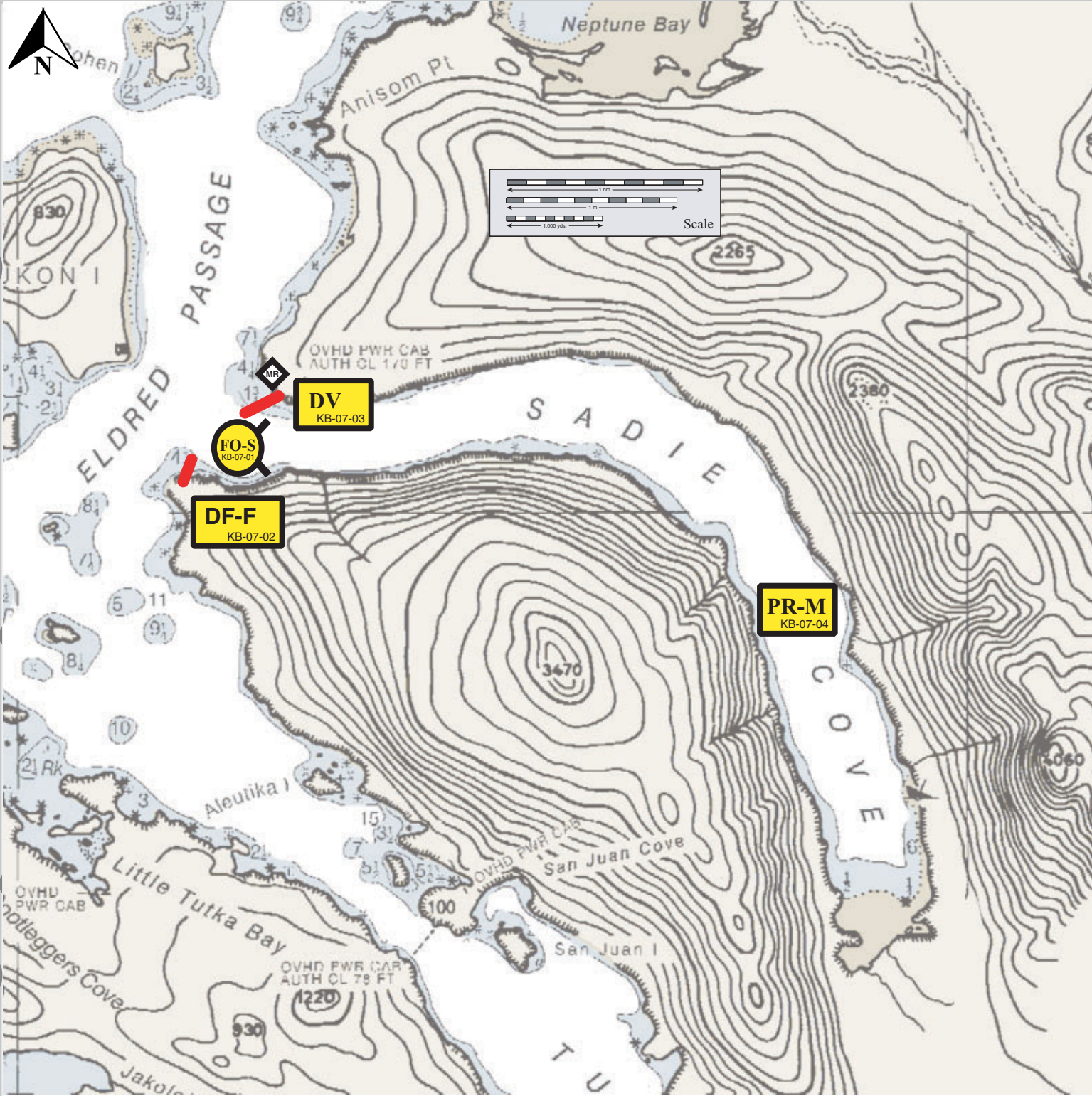
Map
& Photo
Legend

	Free-oil Containment and Recovery, Shallow Water
	Passive Collection and Debris Removal, Marine Access
	Deflection Booming, Fixed
	Diversion Booming
	Open-water Boom
	Marine Recovery

Geographic Response Strategies for

Sadie Cove, KB-07

Center of map at 59° 29.8' N Lat., 151° 24.5' W Lon.



This map is not intended to be used for navigation.

Soundings in fathoms

	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
KB-07-01	Sadie Cove Nearshore waters in the general area of: Lat. 59° 29.8 N Lon. 151° 24.5 W	Nearshore Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment at mouth of bay. Concentrate on oil deflected by KB-07-02.	Deploy nearshore free-oil recovery strike teams upwind and up current of Sadie Cove. Use aerial surveillance to locate incoming slicks.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Homer Harbor or vessel platform	Via marine waters. See NOAA chart 16645-1.	Same as KB-07-02	FOSC Historic Properties Specialist should MONITOR on-site operations.
KB-07-02	Mouth of Sadie Cove South Side Sadie Cove is a fjord located on the South side of Kachemak Bay, between Anisom Point and Tutka Bay. Foul ground extends about 0.2 mile off the North and South entrance points. An overhead power cable with a clearance of 170 ft. crosses the mouth of the cove. Lat. 59° 30.3 N Lon. 151° 28.3 W	Deflection Deflect oil from south side of Sadie Cove into current away from shore.	Use class 2 and class 4 vessels with deck space to transport equipment to site, and class 6 setnet or seine skiffs to deploy boom and anchors. Place 1000 ft. of open water boom with lg. anchor at offshore end.	Deployment Equipment 1000 ft. open water boom 12 ea. anchor systems (≤40 lbs.) 1 ea. anchor system (≥60 lbs.) Vessels 1 ea. class 2 2 ea. class 4 2 ea. class 6 Personnel / Shift 12 ea. vessel crew Tending Vessels 1 ea. class 4 1 ea. class 6 Personnel / Shift 4 ea. vessel crew	Homer Harbor or vessel platform	Via marine waters. See NOAA chart 16645-1.	Clams in pocket beaches Seabird feeding (year-round) Waterfowl concentration area (winter) Marsh Sheltered rocky shoreline Otters (year-round) Herring spawning (spring) High use commercial fishing (summer) Intertidal Herring/Salmon spawning (May-August) High recreational use (June-August)	FOSC Historic Properties Specialist should MONITOR on-site operations. Only concerned about oil during flood tide. Tested: No
KB-07-03	Mouth of Sadie Cove North Side Lat. 151° 30.6 N Lon. 151° 27.5 W	Divert and Collect Divert oil to the north side of the mouth of the bay and collect.	Place 1000 ft. of open water boom with large anchor on offshore end.	Deployment Equipment 1000 ft. open water boom 12 ea. sm. anchor systems 1 ea. lg. anchor system 1 ea. marine recovery system Vessels, Personnel, Tending Same as KB-07-02	Homer Harbor or vessel platform	Via marine waters. See NOAA chart 16645-1.	Same as KB-07-02	FOSC Historic Properties Specialist should MONITOR on-site operations. Tested: No
KB-07-04	Sadie Cove Pocket Beaches	Passive Recovery Place snare booms on high priority pocket beaches.	Place snare booms on high priority.	Deployment Equipment 2000 ft. snare boom 20 ea. anchor stakes Vessels, Personnel, Tending Same as KB-07-02	Homer Harbor or vessel platform	Via marine waters. See NOAA chart 16645-1.	Same as KB-07-02	FOSC Historic Properties Specialist should MONITOR on-site operations. Tested: No